

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Agency Caseworker: Mr. Matthew Cohen	Case No.: Not Applicable

Former Agency Name: Los Angeles County Department of Public Works (Prior to July 18, 2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Agency Caseworker: Ms. Rani Iyer	Case No.: 012533-012693

#### Case Information

USTCF Claim No.: None	Global ID: T0603753474
Site Name: Southern California Gas Company	Site Address: 44416 North Division Street Lancaster, CA 93534 (Site)
Responsible Party: Southern California Gas Company Attention: Ms. Erica Yee	Address: 9400 Oakdale Avenue Chatsworth, CA 91311-6511
USTCF Expenditures to Date: Not applicable	Number of Years Case Open: 27

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603753474](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603753474)

#### Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy. Highlights of the Conceptual Site Model (CSM) upon which the evaluation of the case has been made are as follows:

Residual petroleum constituents in soil contamination were discovered during the removal and replacement of a gasoline underground storage tank (UST) in February 1987. The UST showed no visible signs of integrity loss. Two soil samples were collected at one and four feet below the former UST. Petroleum hydrocarbon was detected in only one soil sample at 6.7 milligrams per kilogram (mg/kg). In March 2002, fuel product dispenser and associated piping were removed and replaced. Three soil samples were collected at two feet below the dispenser, piping, and stockpile. Petroleum constituents were all non-detect, except for a methyl tert-butyl ether detection of 12 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) beneath the dispenser. The most current soil data obtained from the Site investigation in February 2008 indicate that petroleum constituents were all non-detect.

Southern California Gas Company  
44416 North Division Street, Lancaster, Los Angeles County

The Site includes an administration building, a vehicle maintenance building, and one 8,000-gallon UST. All adjacent lots are developed for commercial and residential uses. No surface water bodies exist within 1,000 feet of the Site. Three public water supply wells (one active, one inactive, and one potentially active) are located to the west and within 1,000 feet of the Site. The depth to groundwater for these public water supply wells was reported as a range from 253 to 328 feet bgs.

Groundwater has not been encountered at the Site to a maximum explored depth of 31 feet bgs. Groundwater was approximately 75 feet bgs at the site adjacent to and south of the Site. Public water is provided by the Los Angeles County Waterworks District 4 and 34-Lancaster. Public water supply wells are usually constructed with competent sanitary seals. Residual petroleum constituents are limited to shallow soil and vertical and horizontal limits of the plume are defined. Remaining petroleum constituents do not pose significant risk to human health, safety, or the environment.

### Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. Groundwater has not been encountered to a maximum explored depth of 31 feet bgs. Soil does not contain sufficient mobile constituents (leachate, vapors, or light non-aqueous-phase liquids) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets the **EXCEPTION** for vapor intrusion to indoor air. The Site is an active petroleum fueling facility and has no release characteristics that can be reasonably believed to pose an unacceptable health risk.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERIA (3) a**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, the environment and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control and the applicable water quality control plan, and case closure is recommended.

Prepared By: Trinh Pham  
Trinh Pham  
Water Resource Control Engineer

3/17/14

Date

Reviewed By: George Lockwood  
George Lockwood, PE#59556  
Senior Water Resource Control Engineer

3/17/14

Date

